

**From:** [Ammon, Doug](#)  
**To:** [Openchowski, Charles](#); [Walker, Stuart](#); [Bartenfelder, David](#)  
**Subject:** FW: Review of West Lake Landfill Draft Work Plans  
**Date:** Wednesday, July 31, 2013 10:29:16 AM

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Does anyone have more comments that I might have missed?

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**From:** Gravatt, Dan  
**Sent:** Wednesday, July 31, 2013 10:41 AM  
**To:** Ammon, Doug  
**Cc:** Asher, Audrey; Hammerschmidt, Ron; Tapia, Cecilia; Jackson, Robert W.  
**Subject:** RE: Review of West Lake Landfill Draft Work Plans

Doug, thanks for forwarding Charles' comments. At this point the Region has the following comments from HQ reviewers:

Stuart Walker: comments on the Fate and Transport modeling workplan.

Dave Bartenfelder: comments on the Alternative Covers workplan and the Fate and Transport workplan.

Charles Openchowski: comments on all the workplans EXCEPT the Alternate Covers workplan.

Before we have the internal call you suggest below, can you confirm that this is all of the comments the HQ reviewers are going to provide? If there are others, please send them too.

Thanks,  
Daniel R. Gravatt, PG  
US EPA Region 7 SUPR/MOKS  
11201 Renner Boulevard, Lenexa, KS 66219  
Phone (913)-551-7324

Principles and integrity are expensive, but they are among the very few things worth having.

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**From:** Ammon, Doug  
**Sent:** Monday, July 29, 2013 10:44 AM  
**To:** Gravatt, Dan  
**Cc:** Legare, Amy; Openchowski, Charles; Asher, Audrey  
**Subject:** FW: Review of West Lake Landfill Draft Work Plans

Dan,  
The attached memo from Charles is not necessarily consistent with the Board's final February 2013 consultation memo since it cites earlier drafts. We probably should have an internal call to figure out the substance of the review comments and a path forward.

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**From:** Doug Ammon [<mailto:Ammon.Doug@epamail.epa.gov>]  
**Sent:** Monday, July 29, 2013 10:35 AM  
**To:** Ammon, Doug  
**Subject:** Fw: Review of West Lake Landfill Draft Work Plans

Douglas Ammon, P.E.  
Chief, Site Assessment and Remedy Decisions Branch  
Superfund Program U.S. EPA Mail Code 5204P  
1200 Pennsylvania Ave. N.W.  
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----- Forwarded by Doug Ammon/DC/USEPA/US on 07/29/2013 10:35 AM -----

From: Charles Openchowski/DC/USEPA/US  
To: Doug Ammon/DC/USEPA/US@EPA  
Cc: David Bartenfelder/DC/USEPA/US@EPA, Helen Dawson/DC/USEPA/US@EPA, Ron Wilhelm/DC/USEPA/US@EPA, Stuart Walker/DC/USEPA/US@EPA, John Michaud/DC/USEPA/US@EPA  
Date: 12/20/2012 05:28 PM  
Subject: Re: Review of West Lake Landfill Draft Work Plans

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Hi Doug, thanks for your email below. We wanted to get back to you by the 20<sup>th</sup> as you asked, and have tried hard to be as comprehensive as possible in the attached document, given our crowded schedules, the amount of time we had to review, the complexities of the site, and its long history.

The four of us have had several phone conversations and met in person to go over the four draft work plans attached below. Since the four of us are members of the Remedy Review Board and/or participated in the RRB review of the Westlake site in late February this year, we looked at these work plan documents guided by the comments and recommendations prepared by the Board in various versions coordinated with all members between February and May of this year, while the meeting was still fresh in everyone's mind. Since I often help Board members put their comments and recommendations into writing, I volunteered to do the same here.

Each of the work plan documents below refers to the October 12, 2012 letter from Region 7 (also attached to your email), which in turn refers to various Board recommendations and/or positions. Since we are not aware of, and have not seen, a final Board document containing recommendations for this site, we are not sure exactly what the October 12, 2012 letter is based on.

Also, we will be happy to take a look at the work plans on "Alternative Landfill Cap Designs" and "Fate and Transport Modeling" when they come in. We noticed that a number of issues discussed by the Board at the meeting and in draft Board memos (like ARARs, for example) don't seem to be addressed by the four work plans below, but realize they may be addressed in the two that are still in the works.

Please let us know if you have any questions, we'd be happy to discuss these further. thanks

*(See attached file: rrb Westlake work plans 12.19.12.docx)*

▼ Doug Ammon---12/06/2012 03:08:35 PM---Please find attached 4 draft work plans for additional analysis for the West Lake Landfill and other

From: Doug Ammon/DC/USEPA/US  
To: Stuart Walker/DC/USEPA/US@EPA, Charles Openchowski/DC/USEPA/US@EPA, David Bartenfelder/DC/USEPA/US@EPA, Ron Wilhelm/DC/USEPA/US@EPA  
Cc: Helen Dawson/DC/USEPA/US@EPA  
Date: 12/06/2012 03:08 PM  
Subject: Review of West Lake Landfill Draft Work Plans

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Please find attached 4 draft work plans for additional analysis for the West Lake Landfill and other background information. I would appreciate any comments and suggestions concerning these work plans by December 20th and I will forward them to Region 7. In addition, work plans on "Alternative Landfill Cap Designs" and "Fate and Transport Modeling" are expected in the near future. Thanks.

[attachment "Additional Work letter to PRPs for SSFS.pdf" deleted by Charles Openchowski/DC/USEPA/US] [attachment "Work Plan - Apatite Technology.pdf" deleted by Charles Openchowski/DC/USEPA/US] [attachment "Work Plan - Discount Rate.pdf" deleted by Charles Openchowski/DC/USEPA/US] [attachment "Work Plan- Alternative Area 2 RIM Volume.pdf" deleted by Charles Openchowski/DC/USEPA/US] [attachment "Work Plan - Partial Excavation 12-4-12.pdf" deleted by Charles Openchowski/DC/USEPA/US] [attachment "WestLakeLandfillFSUpdateNovember2012-1.pdf" deleted by Charles Openchowski/DC/USEPA/US]

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